

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: VANEK, Jiri

SERIAL NO.: (International Appn No. PCT/CZ03/00012)

FILED: Herewith (Intl. Filing Date 18 February 2003 )

TITLE: PERISTALTIC ROTATION PUMP WITH EXACT, ESPECIALLY MECHANICALLY  
LINEAR DOSAGE

## PRELIMINARY AMENDMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In conjunction with the filing of the present application, and prior to an initial Official Action on this matter, please amend the above-identified application as follows:

Please note that the following amendments apply to the attached specification and claims labeled for U.S. filing. This combined application incorporates the original application and any annex to the International Application in the proper order, including the correct original and substitute pages, claims and drawing sheets.

Preliminary Amendment: SPECIFICATION AMENDMENTS

In Paragraph [0040], please amend the paragraph as follows:

[0040] ~~You turn the~~ The pump rotor placed on the beginning of the shaft is turned so as the input groove for the locking pin is parallel with the locking pin on the shaft. ~~You get over the~~ The back pressure of the locking spring located inside the body of the rotor hollow profile is over and after pressing to the limit position ~~you turn~~ the rotor is turned by a specific angle of approx. 30°-45°. When ~~you release~~ the pressing force is released gradually the locking pin locks into the groove. To dismantle the rotor proceed in reverse mode.

In Paragraphs [0050] to [0059], please amend the paragraphs as follows:

[0050] Fig. 1Aa shows ~~schematically~~ a schematic view of the rotation pump case with the pump segment and the rotor inside.

[0051] Fig. 1 b shows a magnified detail schematic view of the occlusal path start.

[0052] Fig. 2 shows an ~~axonometric~~ exploded perspective view of the dismantled pump

[0053] Fig. 3 a shows an ~~axonometric~~ a perspective view of the rotor from the front.

[0054] Fig. 3 b shows an ~~axonometric~~ another perspective view of the rotor from the rear.